

General Information

Single Phase Application

Electric Energy Computation Wheel

The following formulas show the relationship of volts, amperes, ohms and watts. If any two values are known, the other can be found using this information.



To find values for terms in the center, use formulas in the respective quadrants.

| Inches | Millimeters | Centimeters |
|--------|-------------|-------------|
| 1/2 | 12.7 | 1.27 |
| 3/4 | 19.1 | 1.91 |
| 1 | 25.4 | 2.54 |
| 1 1/4 | 31.8 | 3.18 |
| 1 1/2 | 38.1 | 3.81 |
| 2 | 50.8 | 5.08 |
| 2 1/2 | 63.5 | 6.35 |
| 3 | 76.2 | 7.62 |
| 3 1/2 | 88.9 | 8.89 |
| 4 | 101.6 | 10.16 |
| 5 | 127.0 | 12.70 |
| 6 | 152.4 | 15.24 |

Services available to our members:

- Heat Pump Loan Program and Weatherization Recommendations
- Power Quality Audits
- Transfer Switch Recommendations
- Stray Voltage Audits
- Flood and Security Lighting
- Subdivision Lighting
- Preventative Maintenance (infra-red studies & ultrasonic testing)
- Electrical Safety Programs
- Green Power Switch
- Generator Sizing & Transfer Switch Recommendations
- Operation Warm Hearts – Round-up program to assist needy

How to reach us:

WRECC OFFICES: Bowling Green: 842-6541
 Franklin: 586-3443
 Leitchfield: 259-3161
 Morgantown: 526-3384

Emergency or Power Failure: Warren County: 843-9710

All other Counties: 1-888-604-4321

Telelink Automated System: 842-3234 or 1-866-319-3234